

Annette B G Janssen

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

36
papers

1,058
citations

20
h-index

32
g-index

38
ext. papers

1,488
ext. citations

7.4
avg, IF

4.34
L-index

#	Paper	IF	Citations
36	Accounting for interactions between Sustainable Development Goals is essential for water pollution control in China.. <i>Nature Communications</i> , 2022 , 13, 730	17.4	7
35	What is the pollution limit? Comparing nutrient loads with thresholds to improve water quality in Lake Baiyangdian. <i>Science of the Total Environment</i> , 2021 , 807, 150710	10.2	1
34	Shifting states, shifting services: Linking regime shifts to changes in ecosystem services of shallow lakes. <i>Freshwater Biology</i> , 2021 , 66, 1-12	3.1	39
33	GREEN AGRICULTURE AND BLUE WATER IN CHINA: REINTEGRATING CROP AND LIVESTOCK PRODUCTION FOR CLEAN WATER. <i>Frontiers of Agricultural Science and Engineering</i> , 2021 , 8, 72	1.7	3
32	Characterizing 19 thousand Chinese lakes, ponds and reservoirs by morphometric, climate and sediment characteristics. <i>Water Research</i> , 2021 , 202, 117427	12.5	3
31	Improvement in municipal wastewater treatment alters lake nitrogen to phosphorus ratios in populated regions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020 , 117, 11566-11572	11.5	59
30	Exploring How Cyanobacterial Traits Affect Nutrient Loading Thresholds in Shallow Lakes: A Modelling Approach. <i>Water (Switzerland)</i> , 2020 , 12, 2467	3	4
29	A Generically Parameterized model of Lake eutrophication (GPLake) that links field-, lab- and model-based knowledge. <i>Science of the Total Environment</i> , 2019 , 695, 133887	10.2	6
28	A perspective on water quality in connected systems: modelling feedback between upstream and downstream transport and local ecological processes. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 40, 21-29	7.2	10
27	PCLake+: A process-based ecological model to assess the trophic state of stratified and non-stratified freshwater lakes worldwide. <i>Ecological Modelling</i> , 2019 , 396, 23-32	3	20
26	Success of lake restoration depends on spatial aspects of nutrient loading and hydrology. <i>Science of the Total Environment</i> , 2019 , 679, 248-259	10.2	24
25	Modelling induced bank filtration effects on freshwater ecosystems to ensure sustainable drinking water production. <i>Water Research</i> , 2019 , 157, 19-29	12.5	9
24	Excess nutrient loads to Lake Taihu: Opportunities for nutrient reduction. <i>Science of the Total Environment</i> , 2019 , 664, 865-873	10.2	42
23	Integrated modelling and management of water resources: the ecosystem perspective on the nexus approach. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 40, 14-20	7.2	17
22	Modeling nutrients in Lake Dianchi (China) and its watershed. <i>Agricultural Water Management</i> , 2019 , 212, 48-59	5.9	29
21	Modeling water quality in the Anthropocene: directions for the next-generation aquatic ecosystem models. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 85-95	7.2	16
20	Towards restoring urban waters: understanding the main pressures. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 49-58	7.2	27

19	Towards a global model for wetlands ecosystem services. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 11-19	7.2	45
18	How to model algal blooms in any lake on earth. <i>Current Opinion in Environmental Sustainability</i> , 2019 , 36, 1-10	7.2	31
17	Response of Submerged Macrophyte Communities to External and Internal Restoration Measures in North Temperate Shallow Lakes. <i>Frontiers in Plant Science</i> , 2018 , 9, 194	6.2	58
16	Mowing Submerged Macrophytes in Shallow Lakes with Alternative Stable States: Battling the Good Guys?. <i>Environmental Management</i> , 2017 , 59, 619-634	3.1	43
15	Spatial identification of critical nutrient loads of large shallow lakes: Implications for Lake Taihu (China). <i>Water Research</i> , 2017 , 119, 276-287	12.5	79
14	Ecological resilience in lakes and the conjunction fallacy. <i>Nature Ecology and Evolution</i> , 2017 , 1, 1616-1624	4.3	31
13	How Regime Shifts in Connected Aquatic Ecosystems Are Affected by the Typical Downstream Increase of Water Flow. <i>Ecosystems</i> , 2017 , 20, 733-744	3.9	6
12	Hydrological regulation drives regime shifts: evidence from paleolimnology and ecosystem modeling of a large shallow Chinese lake. <i>Global Change Biology</i> , 2017 , 23, 737-754	11.4	77
11	Evaluating early-warning indicators of critical transitions in natural aquatic ecosystems. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016 , 113, E8089-E8095	11.5	69
10	Ecological Instability in Lakes: A Predictable Condition?. <i>Environmental Science & Technology</i> , 2016 , 50, 3285-6	10.3	8
9	FABM-PCLake Linking aquatic ecology with hydrodynamics. <i>Geoscientific Model Development</i> , 2016 , 9, 2271-2278	6.3	36
8	Exploring, exploiting and evolving diversity of aquatic ecosystem models: a community perspective. <i>Aquatic Ecology</i> , 2015 , 49, 513-548	1.9	73
7	Advantages of concurrent use of multiple software frameworks in water quality modelling using a database approach. <i>Fundamental and Applied Limnology</i> , 2015 , 186, 5-20	1.9	14
6	How models can support ecosystem-based management of coral reefs. <i>Progress in Oceanography</i> , 2015 , 138, 559-570	3.8	29
5	Serving many at once: How a database approach can create unity in dynamical ecosystem modelling. <i>Environmental Modelling and Software</i> , 2014 , 61, 266-273	5.2	23
4	Coupled human and natural system dynamics as key to the sustainability of Lake Victoria's ecosystem services. <i>Ecology and Society</i> , 2014 , 19,	4.1	43
3	Alternative stable states in large shallow lakes?. <i>Journal of Great Lakes Research</i> , 2014 , 40, 813-826	3	65
2	Attribution of global lake systems change to anthropogenic forcing. <i>Nature Geoscience</i> ,	18.3	8

1 Smart Nutrient Retention Networks: a novel approach for nutrient conservation through water quality management. *Inland Waters*,1-16

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